

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-10. (Canceled).

11. (Currently Amended) Ram air channel (10) for supplying the supply of ambient air to a system on board components in an aircraft, comprising:

a first air inlet (12);

a main flow channel (16) extending downstream of the first air inlet (12);

a second air inlet (24) independent from the first air inlet (12);

a movable element (36) located in the air flow path of the second air inlet for setting a flow cross-section of the second air inlet (24), the movable element (36) being movable between a first at least partially open position and a second closed position; and

a device (25) for creating low pressure in ~~the area of~~ the second air inlet (24), the device (25) ~~being independent of the components supplied with the ambient air and~~ including at least one of: a blower and a pump fluidly coupled to the second air inlet and operable to cause low pressure in the second air inlet proximate to the movable element located in the area of the second air inlet (24), so as to move the movable element (36) into the first position to at least partially open the flow cross-section of the second air inlet (24).

12. (Currently Amended) Ram air channel in accordance with claim 11 wherein the second air inlet (24) is connected to the main flow channel (16) of the ram air channel (10) by a side channel (22) which extends at a predetermined angle to the main flow channel (16).

13. (Currently Amended) Ram air channel in accordance with claim 11 wherein the first air inlet (12) has a constant flow cross-section.

14. (Currently Amended) Ram air channel in accordance with claim 11 wherein the movable element (36) is in the form of a flap which rotates about an axis (34).

15. (Currently Amended) Ram air channel in accordance with claim 11, further comprising:
an electro-mechanical control device (35) operable to assist the device in moving the movable element (36) between the first position to at least partially open the flow cross-section of the second air inlet (24), and a second position to close the flow cross-section of the second air inlet (24).

16. (Currently Amended) Ram air channel in accordance with claim 11, further comprising:
a mechanical device (37) operable to hold the movable element (36) in the first position to at least partially open the flow cross-section of the second air inlet (24), or in a second position to shut the flow cross-section of the second air inlet (24).

17. (Currently Amended) Process for the operation of a ram air channel (40) for supplying ambient air a system on board ~~to components in~~ an aircraft, comprising:

controlling a movable element (36) so as to set a flow cross-section of a second air inlet (24), the movable element (36) being located in the air flow path of the second air inlet and being movable between a first at least partially open position and a second closed position, the aircraft having a first air inlet (12) and a main flow channel extending downstream of the first air inlet (12), the controlling further including,

during flight, positioning the movable element (36) in the second position to close the flow cross-section of the second air inlet (24) so that ambient air is supplied to the aircraft by the first air inlet (12) only, and

when the aircraft is on the ground, positioning the movable element (36) into the first position by low pressure created by a device (25) ~~in the area of the second air inlet (24)~~, thereby to at least partially open the flow cross-section of the second air inlet (24) so that ambient air is supplied to the aircraft by the first and the second air inlets (12, 24), the device (25) ~~being independent of the components supplied with the ambient air and~~ including at least one of a blower and a pump fluidly coupled to the second air inlet and operable to cause low pressure in the second air inlet proximate to the movable element located in the area of the second air inlet (24).

18. (New) Process in accordance with claim 17, wherein the at least one of a blower and a pump is disposed adjacent to the second air inlet.

19. (New) Process in accordance with claim 17, wherein the system on board the aircraft to be supplied with ambient air is a cooling system.

20. (New) Ram air channel in accordance with claim 11, wherein the at least one of a blower and a pump is disposed adjacent to the second air inlet.

21. (New) Ram air channel in accordance with claim 11, wherein the system on board the aircraft to be supplied with ambient air is a cooling system.